



SUBMARINE
SUB COMBAT SYSTEMS
(2cs)
Checklist

UPDATED August 2015

SAFETY REVIEW ITEMS - SUB COMBAT SYSTEMS

A. STOWAGE LOCKERS AND MAGAZINES

1. (D1A0) Are ready service lockers in good repair and properly secured?
REF: MIP 7000 / X04 D-2
MIP 7000 / X04 D-1
OPNAVINST 5530.13C Physical Security for Conventional Arms
MIP 7000 / X04 D-3
NSTM 700 / Rev-6 S9086-XG-STM-010 Shipboard Ammunition Han
OP-4 / Rev-9 Ammunition and Explosives Safety Paragraph 3-
C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS
-

B. SMALL ARMS AND PYROTECHNICS

2. (D1A1) Are proper bi-metallic thermometers installed? (Range -40 to 180 deg, pyro lockers may have range 20 to 240 or -40 to 180 deg)
REF: OP-4 / Rev-9 Ammunition and Explosives Safety Paragraph 5-5
MIP 7000 / X04 D-2
MIP 7000 / X04 D-1
NSTM 504 / Rev 7 S9086-RJ-STM-000 Pressure, Temperature, a
C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS
-

3. (D1B0) Are ready service magazines and lockers properly identified as to contents?
(Each authorized ammunition stowage space must be identified with an external label plate designating the compartment number and type of stowage)
REF: MIP 7000 / X04 D-3
MIP 7000 / X04 D-1
OP-4 / Rev-9 Paragraph 5-5.2
MIP 7000 / X04 D-2
C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS
-

4. (D1C0) Are proper, legible safety precautions posted at all required locations?

REF: OP 4 / Rev-9 Paragraph 2-19
OP 4 / Rev-9 Appendix D
MIP 7000 / X04 D-3

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

5. (D1D0) Are "AMMUNITION FAR SIDE" signs posted?

REF: NSTM 700 / Rev-6 Paragraph 700-5.8
OP 4 / Rev-9 Appendix D
MIP 7000 / X04 D-3
OP 4 / Rev-9 Paragraph 2-19

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

6. (D1E0) Are temperature cards maintained in each magazine and ammunition locker?

(Flood test recorded / Maintaining 1 year of records)

REF: OP 4 / Rev-9 Paragraph 3-12.12.2 and 5-5.1.e

MIP 7000 / X04 D-2

MIP 5221 / 017 S-1

COMSUBLANT/COMSUBPACINST 8500.4B CWM Conventional Weapons

MIP 7000 / X04 D-1

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

7. (D1F0) Are magazine temperatures recorded daily and data transferred to weapons department record?

REF: OP 4 / Rev-9 Paragraph 3-12.12.2

MIP 7000 / X04 D-2

MIP 7000 / X04 D-1

C R NA UA PF
☐ Repeat
☐ Significant
☐ PMS

8. (D1G0) Are knife edges on magazine doors free of paint?

REF: MIP 7000 / X04 D-3

MIP 7000 / X04 D-1

MIP 7000 / X04 D-2

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

9. (D1H0) Are rubber gaskets on doors free of paint, cracks and in good condition?

REF: MIP 7000 / X04 D-1

MIP 7000 / X04 D-2

NSTM 700 / Rev-6 S9086-XG-STM-010 Shipboard Ammunition Han

MIP 7000 / X04 D-3

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

10. (D1H1) Are only authorized materials stowed in spaces designated as ammunition, pyrotechnics, or countermeasures lockers?

REF: MIP 7000 / X04 D-1

OP 4 / Rev-9 Paragraph 3-12.4

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

11. (D2B0) Is the dummy/drill ammunition segregated from service ammunition, properly color coded (bronze, gold, brass) and labeled "FOR PRACTICE ONLY"?

REF: OP 4 / Rev-9 Paragraph 3-14.11 and 3-14.11.2

SW010-AF-ORD-010 Identification of Ammunition Chg-C, Table

NSTM 700 / Rev-6 Paragraph 5.12.2

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

12. (D3A0) Have the pyrotechnics' in inventory been identified with a 1-inch square or circular piece of yellow/black/red/green tape on the base of each flare or smoke?
(Warning label on locker to notify personnel, if locker temperature exceeds 100 degrees).

REF: OD 44979 3-inch Launcher Volume 2 Part 14 Revision 4 Firin

MIP 7000 / X04 D-2

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

13. (D3B0) Are red and yellow tagged cotter pins installed in signal ejector launched marine markers?

REF: SW050-AB-MMA-010 Chapter 7-1.1

OD 44979 3-inch Launcher Volume 2 Part 14 Revision 4 Firin

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

14. (D3C0) Are ammunition and pyrotechnic lockers insulated on the inside to prevent condensation?

REF: MIP 7000 / X04 D-2

OP 4 / Rev-9 Pargraph 5-7.1 and 5-7.4

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

C. FLOOD STATION

15. (D4A0) Are operating instructions available near the ammo-pyro flood station?

REF: MIP 7000 / X04 D-1

OP 4 / Rev-9 Paragraph 2-19

MIP 7000 / X04 D-2

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

16. (D4A2) Does the flood valve have a break-glass cover vice plastic? (Not applicable to SSN 21 and SSN 774 class)

REF: NSTM 555 / Rev-12 Submarine Firefighting S9086-S3-STM-020

Refer to Ship drawings

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

D. SIGNAL EJECTORS

17. (F1A0) Are safety precautions signs available to be hung on breech door?

REF: COMSUBLANT/COMSUBPACINST 8500.4B CWM Conventional Weapons

OP 4 / Rev-9 Paragraph 2-19

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

E. OTTO FUEL SPILL KITS

18. (G1A0) Are the MK 15 Otto fuel detectors calibrated?

Is the electrical safety check current?

Are Otto fuel detector tubes expired

(Require 7 boxes with unit of issue 10 = 70 total tubes)?

REF: MIP 7500 / ADC Q-2

AEL 0-006350027

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

19. (G2A0) Is a complete Otto fuel spill kit available in the torpedo room and inventoried per the MRC?

REF: MIP 7500 / ADC R-5

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

20. (G2A1) Is the Otto fuel gag assembly, o-ring and torque wrench stored in the torpedo room?

Are all items in good condition?

REF: MIP 7500 / ADC R-5

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

21. (G2A2) Is the Otto fuel gag torque wrench in calibration?

Is their evidence of tampering with sticker "Calibration void if seal is broken" that could affect the calibration?

REF: JFMM Volume V, Part 1 Chapter 5.2.2

NAVAIR 17-35TR-8 Calibration Labels and Tags 2.1.1.i

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

22. (G2B0) Is a complete Otto fuel spill kit available outside of the torpedo room and inventoried per the MRC?

REF: MIP 7500 / ADC R-5

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

F. ADMINISTRATION

23. (J1D1) Are personnel responsible for locker flooding system maintenance properly trained and certified?

REF: COMSUBLANT/COMSUBPACINST 8500.4B CWM Chapter 9

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

G. PHYSICAL SECURITY GEAR

24. (J1F0) Does the ship maintain all required physical security gear?

REF: AEL 2-320024503

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

25. (J1F1) Is MRC 5832/TFV A-1 being performed on all Tactical Flotation Vests ?

REF: MIP 5832 / TFV A-1R

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

26. (J1F2) Is all body armor authorized?

Have the tactical plates been replaced in Lifeline Body Armor?

Are new replacement plates defective?

Identified by contract number (SPM1C1-08-D-1023) with one of two design codes: DD3V2 or MP2.

The contract number and the design code are located on the ESAPI data tag on the back of the ESAPI plate.

The contract number is in the upper right hand corner of the data tag.

The design code is the last three to five letters/numbers of the date of manufacture (DOM) / lot number.

ESAPI (front and back pair) NSN 8470-01-520-7360 (X-SM)
ESAPI (front and back pair) NSN 8480-01-520-7370 (SM)
ESAPI (front and back pair) NSN 8470-01-520-7373 (MED)
ESAPI (front and back pair) NSN 8470-01-520-7385 (LRG)
ESAPI (front and back pair) NSN 8470-01-520-7382 (X-LRG)
ESBI (side pair) NSN 8470-01-536-7227 (7X8 inch plate)
ESBI (side pair) NSN 8470-01-540-6532 (6X8 inch plate)

REF: DTG 121224Z Jul 10 NAVADMIN 228/10

NAVSEA Memorandum Field Navy Body Armor (BA) System / Rev-AEL 2-320024503

DTG 111559Z May 11 Body Armor Care

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

27. (J1F3) Are all helmets authorized?

USMC Lightweight Helmet (LWH) is the only authorized helmet.

REF: AEL 2-320024503

C R NA UA PF

☐ Repeat

☐ Significant

☐ PMS

SUB COMBAT SYSTEMS

COMMAND NAME:

LOCATION:

UIC:

DATE:

SURVEYOR(S):

NO. COMPLETE:

NO. REQ ACTION:

NOT APPLICABLE:

Q #	Question	Result			Sig	Rep
1	2csD1A0	C	R	N		
2	2csD1A1	C	R	N		
3	2csD1B0	C	R	N		
4	2csD1C0	C	R	N		
5	2csD1D0	C	R	N		
6	2csD1E0	C	R	N		
7	2csD1F0	C	R	N		
8	2csD1G0	C	R	N		
9	2csD1H0	C	R	N		
10	2csD1H1	C	R	N		
11	2csD2B0	C	R	N		
12	2csD3A0	C	R	N		
13	2csD3B0	C	R	N		
14	2csD3C0	C	R	N		
15	2csD4A0	C	R	N		
16	2csD4A2	C	R	N		
17	2csF1A0	C	R	N		
18	2csG1A0	C	R	N		
19	2csG2A0	C	R	N		
20	2csG2A1	C	R	N		
21	2csG2A2	C	R	N		
22	2csG2B0	C	R	N		
23	2csJ1D1	C	R	N		
24	2csJ1F0	C	R	N		
25	2csJ1F1	C	R	N		
26	2csJ1F2	C	R	N		
27	2csJ1F3	C	R	N		